

Faith, Work & Technical Integrity

MRR-RV215 • Original optional Christian formation companion • 15 weeks

This is a voluntary Scripture-centered companion, not a required element of the technical course and not part of any proposed credit-hour calculation. It is not affiliated with or endorsed by any specific seminary, university, minister, or accreditation organization. The student technical curriculum is fully usable without this component.

Guiding disciplines: honest testimony, charitable service, intellectual humility, stewardship, diligence, and attention to the neighbor who depends on safe workmanship.

Week 01: Evidence-based diagnostic reasoning and measurement limits

Scripture for study: Proverbs 11:1. Read the passage in context and consider its original audience and application rather than treating it as a mechanical design manual.

Christian vocation joins conviction with accountable practice. In this week, examine how the technical claim is supported, what it leaves unresolved, and whether a customer would be served by hearing both the evidence and its limitations. Excellence in craftsmanship should be testable: accurate measurements, clear records, a willingness to correct error, and a refusal to conceal risk.

Reflection: What would integrity look like in the evidence-based diagnostic reasoning and measurement limits case if the most profitable recommendation were not the best-supported one? Draft a 150-word application that acknowledges uncertainty, protects the customer, and serves the truth.

Week 02: DC distribution, voltage drop and conductor resistance

Scripture for study: Proverbs 18:13. Read the passage in context and consider its original audience and application rather than treating it as a mechanical design manual.

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Reflection: What would integrity look like in the dc distribution, voltage drop and conductor resistance case if the most profitable recommendation were not the best-supported one? Draft a 150-word application that acknowledges uncertainty, protects the customer, and serves the truth.

Week 03: Battery state, charging and energy accounting

Scripture for study: Luke 14:28. Read the passage in context and consider its original audience and application rather than treating it as a mechanical design manual.

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Reflection: What would integrity look like in the battery state, charging and energy accounting case if the most profitable recommendation were not the best-supported one? Draft a 150-word application that acknowledges uncertainty, protects the customer, and serves the truth.

Week 04: Shore-power topology and protective-device interpretation

Scripture for study: James 1:19. Read the passage in context and consider its original audience and application rather than treating it as a mechanical design manual.

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Reflection: What would integrity look like in the shore-power topology and protective-device interpretation case if the most profitable recommendation were not the best-supported one? Draft a 150-word application that acknowledges uncertainty, protects the customer, and serves the truth.

Week 05: Intermittent faults and probability of detection

Scripture for study: Proverbs 18:17. Read the passage in context and consider its original audience and application rather than treating it as a mechanical design manual.

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Reflection: What would integrity look like in the intermittent faults and probability of detection case if the most profitable recommendation were not the best-supported one? Draft a 150-word application that acknowledges uncertainty, protects the customer, and serves the truth.

Week 06: Control systems, sensors and diagnostic signal quality

Scripture for study: 1 Thessalonians 5:21. Read the passage in context and consider its original audience and application rather than treating it as a mechanical design manual.

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Reflection: What would integrity look like in the control systems, sensors and diagnostic signal quality case if the most profitable recommendation were not the best-supported one? Draft a 150-word application that acknowledges uncertainty, protects the customer, and serves the truth.

Week 07: Freshwater hydraulic networks and pump behavior

Scripture for study: Proverbs 24:3. Read the passage in context and consider its original audience and application rather than treating it as a mechanical design manual.

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Reflection: What would integrity look like in the freshwater hydraulic networks and pump behavior case if the most profitable recommendation were not the best-supported one? Draft a 150-word application that acknowledges uncertainty, protects the customer, and serves the truth.

Week 08: Wastewater, venting and winterization failure analysis

Scripture for study: Proverbs 27:12. Read the passage in context and consider its original audience and application rather than treating it as a mechanical design manual.

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Reflection: What would integrity look like in the wastewater, venting and winterization failure analysis case if the most profitable recommendation were not the best-supported one? Draft a 150-word application that acknowledges uncertainty, protects the customer, and serves the truth.

Week 09: Propane systems: hazards, boundaries and decision thresholds

Scripture for study: Proverbs 14:15. Read the passage in context and consider its original audience and application rather than treating it as a mechanical design manual.

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and its limitations. Excellence in craftsmanship should be testable: accurate measurements, clear records, a willingness to correct error, and a refusal to conceal risk.

Reflection: What would integrity look like in the propane systems: hazards, boundaries and decision thresholds case if the most profitable recommendation were not the best-supported one? Draft a 150-word application that acknowledges uncertainty, protects the customer, and serves the truth.

Week 10: HVAC measurements and heat-transfer reasoning

Scripture for study: Psalm 19:1. Read the passage in context and consider its original audience and application rather than treating it as a mechanical design manual.

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Reflection: What would integrity look like in the hvac measurements and heat-transfer reasoning case if the most profitable recommendation were not the best-supported one? Draft a 150-word application that acknowledges uncertainty, protects the customer, and serves the truth.

Week 11: Refrigeration architectures and appliance duty cycles

Scripture for study: 1 Corinthians 4:2. Read the passage in context and consider its original audience and application rather than treating it as a mechanical design manual.

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Reflection: What would integrity look like in the refrigeration architectures and appliance duty cycles case if the most profitable recommendation were not the best-supported one? Draft a 150-word application that acknowledges uncertainty, protects the customer, and serves the truth.

Week 12: Roofing, moisture transport and failure attribution

Scripture for study: Proverbs 25:2. Read the passage in context and consider its original audience and application rather than treating it as a mechanical design manual.

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Reflection: What would integrity look like in the roofing, moisture transport and failure attribution case if the most profitable recommendation were not the best-supported one? Draft a 150-word application that acknowledges uncertainty, protects the customer, and serves the truth.

Week 13: Slide-outs, awnings and electromechanical failure modes

Scripture for study: Ecclesiastes 7:12. Read the passage in context and consider its original audience and application rather than treating it as a mechanical design manual.

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Reflection: What would integrity look like in the slide-outs, awnings and electromechanical failure modes case if the most profitable recommendation were not the best-supported one? Draft a 150-word application that acknowledges uncertainty, protects the customer, and serves the truth.

Week 14: Integrated diagnostics and failure-mode prioritization

Scripture for study: Proverbs 15:22. Read the passage in context and consider its original audience and application rather than treating it as a mechanical design manual.

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Reflection: What would integrity look like in the integrated diagnostics and failure-mode prioritization case if the most profitable recommendation were not the best-supported one? Draft a 150-word application that acknowledges uncertainty, protects the customer, and serves the truth.

Week 15: Final integrated examination and technical defense

Scripture for study: 2 Timothy 2:15. Read the passage in context and consider its original audience and application rather than treating it as a mechanical design manual.

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Reflection: What would integrity look like in the final integrated examination and technical defense case if the most profitable recommendation were not the best-supported one? Draft a 150-word application that

acknowledges uncertainty, protects the customer, and serves the truth.

Educational note

These reflections are original MRR companion material and not a reproduction of the theology, lectures, or pedagogy of any named author. Faith reflections are voluntary and do not replace objective technical performance assessments.